

San Miguel County Weed Department (Telluride, Ophir area)

Soil Preparation

1. Tilling or discing the soil especially compacted soils is necessary. The addition of plant based compost will add organic matter that will aid in the germination and establishment of the planted material. I would not recommend ripping except in certain situations.
2. All straw used has to be certified weed free with a tackifier or biodegradable mats used. Preferred time to seed is when the soil temperature is above 50 F in the spring and below 50 F in the fall.
3. 5 plants per square foot is considered a success as per NRCS guidelines
4. Successful revegetation should be done in stages. Grass seed should be planted before establishing groundcovers, perennials, shrubs or trees to allow for weed treatments.
5. Depending on the size of the project a bond may be applied, and the San Miguel County Weed Manager will release the bond when inspected and approved.

Irrigation

Irrigate frequently until seed comes up. Irrigation should penetrate soil surface to 1 inch. After grass breaks surface water less frequently but deeper. Most species germinate within 3 weeks.

Approved Seed Mix for Revegetation (This list includes species preferred for revegetation, seed mixes need not include every species on this list. Be aware seed mixes may contain Oxeye Daisy, Dames Rocket or Yellow Toadflax aka "Butter and Eggs" which are noxious weeds)

Grasses	Rate per acre/pure live seed
Alpine Timothy (Phleum alpinum)	.66 lb
Indian Ricegrass var. Nezpar or Rimrock (Achnatherum hymenoides)	2.5 lb
Sandberg bluegrass var. NVS	.66 lb
Western wheatgrass var. Arriba	5.3 lb.
Prairie junegrass (Koeleria macrantha)	.3 lb.
Arizona Fescue (Festuca arizonica)	1.4 lb.
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Total PLS per acre - drilled dormant seeding	5.41 lb.
Total PLS per acre – broadcast seeding WITH weed free mulch	22 lb.

Possible species in addition to above grasses **(Plant after herbicide weed treatments are finished and after establishment of grasses)**

Groundcovers

Sulphur-flower buckwheat	(Eriogonum umbellatum)	.05 lb.
Pussytoes	(Antennaria spp.)	.05 lb.

Perennials

Common Yarrow	(Achillea millefolium lantana)	.05 lb.
Rocky Mountain Columbine	(Aguilegia caerulea)	
Blanketflower	(Gaillardia aristata)	.1 lb.
Prairie Flax	(Linum lewisii)	.1lb.
Richardson's Geranium	(Geranium richardsonii)	.1 lb.
Showy Goldeneye	(Heliomeris Viguera multiflora)	
Scarlet Gilia	(Ipomopsis aggregate)	
Silvery Lupine	(Lupinus argenteus)	.2 lb.
Rocky Mountain Penstemon	(Penstemon strictus)	.1 lb.
Golden Banner	(Thermopsis divaricarpa)	.2 lb

Shrubs

Western Serviceberry	(Amelanchier alnifolia)	.1 lb
Redtwig Dogwood	(Cornus sericea)	.25 lb
Mountain Snowberry	(Symphoricarpus oreophilus)	.5 lb
Chokecherry	(Prunus virginiana)	.5 lb
Golden Currant	(Ribes aureum, Ribes odoratum)	.5 lb.
Wax Currant	(Ribes cereum)	.5 lb.
Western Wild Rose	(Rosa woodsia)	.5 lb.

Trees

Colorado Blue Spruce	(Picea pungens)
Quaking Aspen	(Populus tremuloides)

Approved by Julie Kolb – San Miguel County Weed Manager

Native Grass Seed Mixtures are available from the San Miguel County Weed Department at 970-327-0399.